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PTO/SB/05 (11-00)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 5543P004

(maximum 12 characters)

First Named Inventor J.J. Garcia-Luna-Aceves

Title: SYSTEM AND METHOD FOR RESOLVING NETWORK LAYER ANYCAST ADDRESSES TO NETWORK LAYER UNICAST ADDRESSES

Express Mail Label No. EL617184959US

ADDRESS TO: **Assistant Commissioner for Patents**
Box Patent Application
Washington, D. C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original, and a duplicate for fee processing)
2. ☐ **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. ☒ **Specification (Total Pages 42)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table,
or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ **Drawings(s) (35 USC 113) (Total Sheets 5)**
5. ☒ **Oath or Declaration (Total Pages 5)**
 - a. ☐ Newly Executed (Original or Copy)
 - b. ☐ Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed)
 - i. ☐ DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. ☒ Unsigned.
6. ☐ **Application Data Sheet. (37 CFR 1.76)**
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. ☐ Specification Sequence Listing on
 - i. ☐ CD-ROM or CD-R (2 copies), or
 - ii. ☐ paper
 - c. ☐ Statement verifying identity of above copies

Variable	Mean	SD	Min	Max
Age	35.2	10.5	20	65
Gender	Male	100	0	100
Marital status	Married	100	0	100
Education	High school	100	0	100
Occupation	Manager	100	0	100
Income	1000	200	500	1500
Health status	Good	100	0	100
Smoking status	Non-smoker	100	0	100
Alcohol consumption	Non-drinker	100	0	100
Exercise frequency	Weekly	100	0	100
Stress level	Low	100	0	100
Sleep quality	Good	100	0	100
Dietary habits	Healthy	100	0	100
Family size	2	1	1	4
Work hours	40	5	30	50
Commuting time	30	10	10	60
Home ownership	Owner	100	0	100
Neighborhood safety	Safe	100	0	100
Public transport access	Good	100	0	100
Local amenities	High	100	0	100
Crime rate	Low	100	0	100
Weather satisfaction	High	100	0	100
Community involvement	High	100	0	100
Local government responsiveness	High	100	0	100
Local business diversity	High	100	0	100
Local culture richness	High	100	0	100
Local history interest	High	100	0	100
Local architecture appreciation	High	100	0	100
Local art scene appreciation	High	100	0	100
Local music scene appreciation	High	100	0	100
Local sports scene appreciation	High	100	0	100
Local food scene appreciation	High	100	0	100
Local shopping scene appreciation	High	100	0	100
Local entertainment scene appreciation	High	100	0	100
Local nightlife scene appreciation	High	100	0	100
Local parks and green spaces appreciation	High	100	0	100
Local museums and galleries appreciation	High	100	0	100
Local theaters and performing arts appreciation	High	100	0	100
Local libraries and bookstores appreciation	High	100	0	100
Local historical landmarks appreciation	High	100	0	100
Local cultural festivals appreciation	High	100	0	100
Local religious and spiritual sites appreciation	High	100	0	100
Local educational institutions appreciation	High	100	0	100
Local healthcare facilities appreciation	High	100	0	100
Local government services appreciation	High	100	0	100
Local business services appreciation	High	100	0	100
Local cultural services appreciation	High	100	0	100
Local entertainment services appreciation	High	100	0	100
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Local museums and galleries services services services appreciation	High	100	0	100
Local theaters and performing arts services services services appreciation	High	100	0	100
Local libraries and bookstores services services services appreciation	High	100	0	100
Local historical landmarks services services services appreciation				

- 18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority. For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. Correspondence Address

Name (PRINT/TYPE): Tarek N. Fahmi Registration No.: 41,402
Signature: [Signature] Date: 4/26/01

FEE TRANSMITTAL FOR FY 2001**TOTAL AMOUNT OF PAYMENT (\$)** \$710.00**Complete if Known:****Application No.** Not Yet Assigned**Filing Date** Herewith**First Named Inventor** J.J. Garcia-Luna-Aceves**Group Art Unit** Not Yet Assigned**Examiner Name** Not Yet Assigned**Attorney Docket No.** 5543P004**METHOD OF PAYMENT (check one)**

1. ☒ **The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:**

Deposit Account Number 02-2666
Deposit Account Name _____

☒ **Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17**

☐ **Applicant claims small entity status. See 37 CFR 1.27**

2. _____ **Payment Enclosed:** _____ **Check**
 _____ **Credit Card**
 _____ **Money Order**
 _____ **Other**

FEE CALCULATION**1. BASIC FILING FEE**

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Code</u>	<u>Fee (\$)</u>	<u>Code</u>	<u>Fee (\$)</u>		
101	710	201	355	Utility application filing fee	<u>\$710</u>
106	320	206	160	Design application filing fee	_____
107	490	207	245	Plant filing fee	_____
108	710	208	355	Reissue filing fee	_____
114	150	214	75	Provisional application filing fee	_____

SUBTOTAL (1) \$ 710.00**2. EXTRA CLAIM FEES**

		<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
Total Claims	<u>15</u>	- 20** = <u>0</u>	X <u>\$18</u>	= <u>\$0</u>
Independent Claims	<u>2</u>	- 3** = <u>0</u>	X <u>\$80</u>	= <u>\$0</u>
Multiple Dependent				= _____

****Or number previously paid, if greater; For Reissues, see below.**

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>
<u>Code</u>	<u>Fee (\$)</u>	<u>Code</u>	<u>Fee (\$)</u>	
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 0.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	_____
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	_____
139	130	139	130	Non-English specification	_____
147	2,520	147	2,520	For filing a request for ex parte reexamination	_____
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	_____
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	_____
115	110	215	55	Extension for reply within first month	_____
116	390	216	195	Extension for reply within second month	_____
117	890	217	445	Extension for reply within third month	_____
118	1,390	218	695	Extension for reply within fourth month	_____
128	1,890	228	945	Extension for reply within fifth month	_____
119	310	219	155	Notice of Appeal	_____
120	310	220	155	Filing a brief in support of an appeal	_____
121	270	221	135	Request for oral hearing	_____
138	1,510	138	1,510	Petition to institute a public use proceeding	_____
140	110	240	55	Petition to revive - unavoidable	_____
141	1,240	241	620	Petition to revive - unintentional	_____
142	1,240	242	620	Utility issue fee (or reissue)	_____
143	440	243	220	Design issue fee	_____
144	600	244	300	Plant issue fee	_____
122	130	122	130	Petitions to the Commissioner	_____
123	50	123	50	Processing fee under 37 CFR 1.17(q)	_____
126	180	126	180	Submission of Information Disclosure Stmt	_____
581	40	581	40	Recording each patent assignment per property (times number of properties)	_____
146	710	246	355	For filing a submission after final rejection (see 37 CFR 1.129(a))	_____
149	710	249	355	For each additional invention to be examined (see 37 CFR 1.129(b))	_____
179	710	279	355	Request for Continued Examination (RCE)	_____
169	900	169	900	Request for expedited examination of a design application	_____
195	300	195	300	Publication fee for early, voluntary, or normal publication	_____
196	300	196	300	Publication fee for republication	_____
194	130	194	130	Request for voluntary publication or republication	_____
098	130	098	130	Processing fee under 37 CFR 1.17(i)	_____
091	1,240	091	1,240	Acceptance of unintentionally delayed claim for priority	_____

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$ 0.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Tarek N. Fahmi

Signature: [Signature] Date: 4/26/01

Reg. Number: 41,402 Telephone Number: 408.947.8200

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